WHAT IS CLAIMED IS:

1. A mobile cellular telephone tower comprising:

a self-propelled base;

a tower connected to the base, the tower including a base segment and at least a first extendable segment operatively connected to a second extendable segment;

a winch connected to the base;

a first cable connected between the base segment and the first extendable segment to extend the first extendable segment; and

a second cable connected between the winch and the second extendable segment to retract the second extendable segment; and

cellular telephone network testing equipment mounted on the tower.

2. The mobile cellular telephone tower of claim 1 wherein the winch is connected to the first cable.

3. The mobile cellular telephone tower of claim 1 wherein the first cable is connected to the second cable.

4. The mobile cellular telephone tower of claim 1 wherein the first extendable segment is nestable within the base segment.

5. The mobile cellular telephone tower of claim 1 wherein the second extendable segment is nestable within the first extendable segment.

6. The mobile cellular telephone tower of claim 1 wherein the tower is movable between a stowed position and an operating position.

7. The mobile cellular telephone tower of claim 6 further comprising a hydraulic motor for moving the tower between the stowed position and the operating position.

8. The mobile cellular telephone tower of claim 6 wherein the tower in the stowed position is oriented generally horizontally.

9. The mobile cellular telephone tower of claim 6 wherein the tower in the operating position is oriented generally vertically.

10. The mobile cellular telephone tower of claim 1 further comprising at least one outrigger connected to the self-propelled base.

11. The mobile cellular telephone tower of claim 10 wherein the at least one outrigger is hydraulically actuated.

12. The mobile cellular telephone tower of claim 1 further comprising a generator mounted on the self-propelled base.

13. A mobile cellular telephone tower comprising:

a self-propelled base;

a tower connected to the base, the tower including a base segment and at least a first extendable segment operatively connected to a second extendable segment;

a first cable connected between the base segment and the first extendable segment;

an electric winch connected to the first cable to extend the first extendable segment, and connected to a second cable to retract the second extendable segment; and

cellular telephone network testing equipment mounted on the tower.

14. The mobile cellular telephone tower of claim 13 wherein the winch is connected to the base segment.

15. The mobile cellular telephone tower of claim 13 wherein the first cable is connected to the second cable.

16. The mobile cellular telephone tower of claim 13 wherein the first extendable segment is nestable within the base segment, and the second extendable segment is nestable within the first extendable segment.

17. The mobile cellular telephone tower of claim 13 wherein the tower is movable between a generally horizontal stowed position and a generally vertical operating position.

18. The mobile cellular telephone tower of claim 17 further comprising a hydraulic motor for moving the tower between the stowed position and the operating position.

19. The mobile cellular telephone tower of claim 13 further comprising at least one outrigger connected to the self-propelled base.

20. A mobile cellular telephone tower comprising:

a self-propelled base;

a tower connected to the base, the tower including nestable base, first, and second extendable segments operatively connected to each other;

a first cable connected between the base segment and the first extendable segment;

an electric winch mounted on the base segment, the winch being connected to the first cable to extend the first extendable segment relative to the base, and being connected to a second cable to retract the second extendable segment relative to the base segment;

cellular telephone network testing equipment mounted on the tower; and

a motor for moving the tower between a generally horizontal stowed position and a generally vertical operating position.